

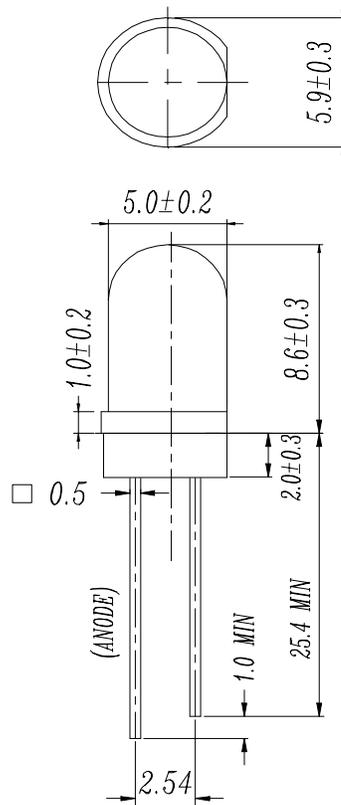


# EVERLIGHT ELECTRONICS CO.,LTD.

Device Number : DAE-217-451 REV: 1.1

PART NO. : A2173B/UYD/S530-A2 ECN : \_\_\_\_\_ Page: 1/5

## ■ Package Dimensions:



## ■ Notes:

- 1.All dimensions are in millimeters, tolerance is 0.25mm except being specified
- 2.Lead spacing is measured where the lead emerges from the package

LED PART NO	Chip		Lens Color
	Material	Emitted Color	
333-2UYD/S530-A2	AlGaInP	Super Yellow	Yellow Diffused

B89051152,8905074

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Device Number : DAE-217-451 REV: 1.1

PART NO. : A2173B/UYD/S530-A2 ECN :            Page: 2/5

■ Descriptions:

- 1.ARRAY=Plastic Holder+Combination of Lamps
- 2.The array will easily mount the applicable lamps on any panel

■ Features:

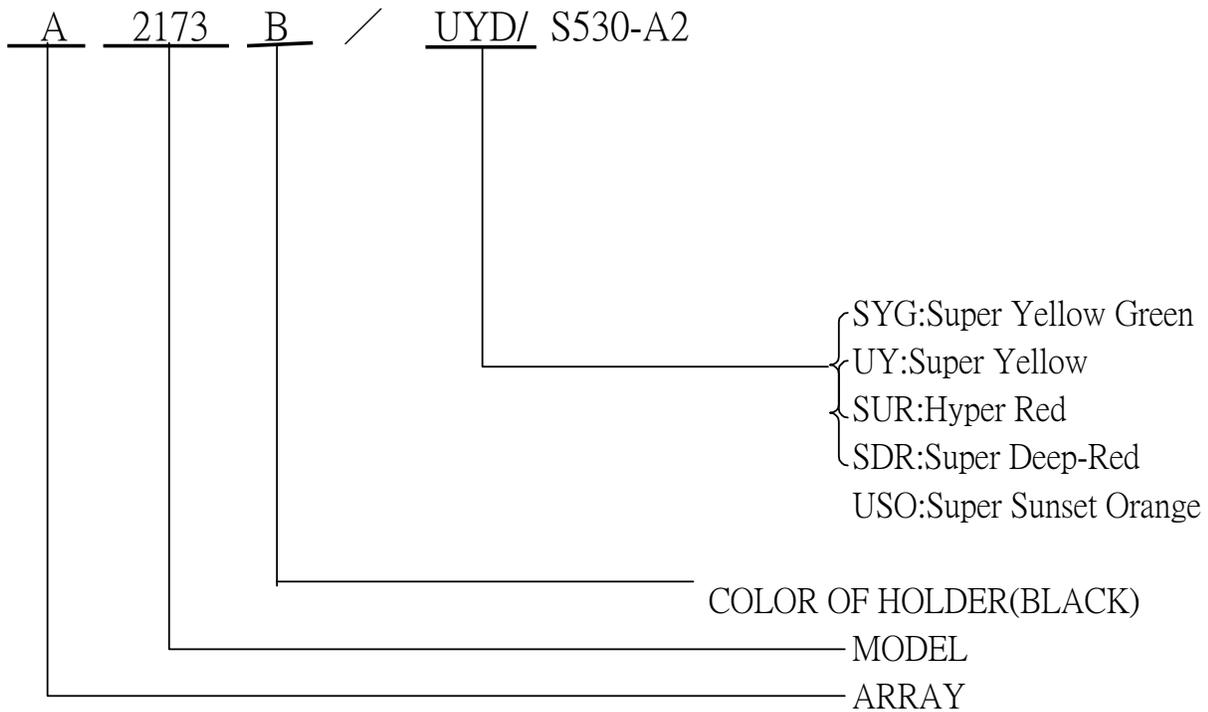
- 1.Low power consumption
- 2.High efficiency and low cost
- 3.Good control and free combinations on the colors of LED lamps
- 5.Good lock and easy to assembly
- 6.Stackable and easy to assembly
- 7.Stackable vertically and easy to assembly
- 8.Versatile mounting on PCB or panel
- 9.Stackable horizontally and easy to assembly

■ Applications:

- 1.Used as indicators of indicating the degrees, functions, positions etc, in electronic instruments.



■ LED LAMP ARRAYS SELECTION GUIDE:





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PART NO : A2173B/UYD/S530-A2

ECN : \_\_\_\_\_ Page: 4/5

## Absolute Maximum Ratings at Ta= 25°C

Parameter	Symbol	Rating	Unit
Forward Current	I <sub>F</sub>	25	mA
Operating Temperature	T <sub>opr</sub>	-40 to +85	°C
Storage Temperature	T <sub>stg</sub>	-40 to +100	°C
Soldering Temperature	T <sub>sol</sub>	260 ± 5	°C
Electrostatic Discharge	ESD	2000	V
Power Dissipation	P <sub>d</sub>	60	mW
Peak Forward Current(Duty 1/10 @ 1KHz)	I <sub>F(Peak)</sub>	160	mA
Reverse Voltage	V <sub>R</sub>	5	V

## Electronic Optical Characteristics :

Parameter	Symbol	Min.	Typ.	Max.	Unit	Condition
Luminous Intensity	I <sub>v</sub>	100	160	/	mcd	I <sub>F</sub> = 20 mA
Viewing Angle	2θ 1/2	/	25	/	deg	I <sub>F</sub> = 20 mA
Peak Wavelength	λ <sub>p</sub>	/	591	/	nm	I <sub>F</sub> = 20 mA
Dominant Wavelength	λ <sub>d</sub>	/	589	/	nm	I <sub>F</sub> = 20 mA
Spectrum Radiation Bandwidth	Δλ	/	15	/	nm	I <sub>F</sub> = 20 mA
Forward Voltage	V <sub>F</sub>	/	2.0	2.4	V	I <sub>F</sub> = 20 mA
Reverse Current	I <sub>R</sub>	/	/	10	μA	V <sub>R</sub> = 5 V

